The Cortet Z10 Range Extender (CGW-Z-0010) is intended for use in various wireless sensor network (WSN), machine-to-machine (M2M), and Internet of Things (IoT) applications.

The Cortet Z10 Range Extender is a reliable, secure, and simple way to extend the range and/or capacity of a zigbee network. The Z10 is especially useful in large facilities or facilities with a poor RF environment. The Z10 acts as a relay for zigbee messages between zigbee devices that are otherwise out of range – for example, a Cortet Z10 Range Extender can be used to relay messages between zigbee end nodes and an otherwise out of range zigbee coordinator such as a Cortet E100 gateway. The Cortet Z10 Range Extender can also be used to increase the total number of zigbee devices that a zigbee coordinator can control.

EXPAND YOUR COVERAGE WITH THE Z10 RANGE EXTENDER

- **Easy to Use**
  Compact, easy to install by plugging into any A/C outlet

- **Flexible**
  Minimize coverage dead spots with flexible zone placements

- **Expandable**
  Increase number of devices a zigbee coordinator can control

- **EZ Mode Commissioning**
  Network steering which helps your device pair

OVERVIEW

The Cortet Z10 Range Extender (CGW-Z-0010) is intended for use in various wireless sensor network (WSN), machine-to-machine (M2M), and Internet of Things (IoT) applications.

The Cortet Z10 Range Extender is a reliable, secure, and simple way to extend the range and/or capacity of a zigbee network. The Z10 is especially useful in large facilities or facilities with a poor RF environment. The Z10 acts as a relay for zigbee messages between zigbee devices that are otherwise out of range – for example, a Cortet Z10 Range Extender can be used to relay messages between zigbee end nodes and an otherwise out of range zigbee coordinator such as a Cortet E100 gateway. The Cortet Z10 Range Extender can also be used to increase the total number of zigbee devices that a zigbee coordinator can control.

KEY BENEFITS

- A simple way to extend the range and/or capacity of a zigbee network
- Optimized for RF performance, providing industry leading range
- A compact and attractive design that is ideal for any project

PART NUMBER: CGW-Z-0010
HOW IT WORKS
Control one room or control a whole building on the same platform with the Z10 Range Extenders.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input AC Voltage</td>
<td>100-240 VAC, 50/60 Hz</td>
</tr>
<tr>
<td>Maximum Current Drain</td>
<td>0.07A</td>
</tr>
<tr>
<td>Operating Temperature Range</td>
<td>-20 to 40°C [-4 to 104°F]</td>
</tr>
<tr>
<td>Product Dimensions (includes mounting tab and blades)</td>
<td>60.3mm x 51.0mm x 59.2mm [2.37” x 2.00” x 2.33”]</td>
</tr>
<tr>
<td>Product Dimensions when installed (excludes blades)</td>
<td>60.3mm x 51.0mm x 42.1mm [2.37” x 2.00” x 1.66”]</td>
</tr>
<tr>
<td>AC input</td>
<td>IEC Type A, ungrounded, non-polarized</td>
</tr>
</tbody>
</table>